

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/012273

A. CLASSIFICATION OF SUBJECT MATTER

IntCl. 7 B41J2 /165, 2/18, 2/185

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.cl. 7 B41J2 /165, 2/18, 2/185

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published	examined utility model applications of Japan 1922-1996
Published	unexamined utility model applications of Japan 1971-2005
Registered	utility model specifications of Japan 1996-2005
Published	registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-71514 A(SEIKO EPSON CORPORATION) 21. 03.2001, see whole document & EP 1083052 A2 & US 6481826 B1	1-10
Y	JP 2003-276213 A(SEIKO EPSON CORPORATION) 30. 09. 2003, column 9 lines 21-30 & US 2003/0234829 A1	1-10
Y	JP 2003-96355 A(RICOH COMPANY, LTD.) 03. 04. 2003, column 1 lines 2-15 & EP 1262529 A1 & US 2003/0107632 A1	7

ψ Further documents are listed in the continuation of Box C f See patent family annex.

- * Special categories of cited documents:
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Date of the actual completion of the international search 15. 07. 2005	Date of mailing of the international search report 02. 8. 2005
Name and mailing address of the ISA/JP Japan Patent Office 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized Officer Kirihata Yukihiro Telephone No. +81-3-3581-1 101 Ext. 3261 2 P 9 6 0 6